Applications? Use your imagination.

A tool with this kind of muscle can be used for a virtually unlimited number of applications. We've already mentioned a few. To visualize the full range of possibilities, let your imagination be your guide.

Does WordCruncher® make sense for *you?* You bet it does! You don't have to be a business person, scholar, lawyer, accountant, linguist, student or scientist to make good use of WordCruncher®.

As long as you're the type of person who wants to master the Age of Information rather than be mastered *by* it, WordCruncher® is for you.

Questions anyone?

We've been talking about WordCruncher®, but you've also mentioned IndexETC® and ViewETC®. What are they?

The full WordCruncher® software package contains both IndexETC® and ViewETC®. IndexETC® enables you to preindex texts, so that you can retrieve and manipulate data from these texts with ViewETC®.

Can I just buy ViewETC® separately?

Certainly. Some of our clients purchase ViewETC® together with preindexed texts. Then, if at some time in the future they want to preindex their own texts, they can purchase IndexETC®.

Speaking of text files that work with ViewETC®, where do I find them?

ETC has a growing library of preindexed texts that are all ready to use with ViewETC®. We are currently negotiating with major publishers to obtain electronic versions of their holdings. If we already have what you want, we'll be happy to sell you a copy. As a full-service company, ETC also provides text scanning and preindexing services.

Don't forget that you can also create and preindex your own text files. You may create the text files from books, newspapers, magazines, reports, your own journals, or any other documents. You preindex these text files using IndexETC®. The preindexing process is surprisingly quick and simple.

What hardware do I need to run WordCruncher®?

WordCruncher® requires a PC-compatible computer with 512K of available memory (we recommend 640K, however). The operating system must be DOS 2.1 or later—preferably DOS 3.2.

Monochrome, color graphics and enhanced color graphics monitors are supported by WordCruncher®.

WordCruncher® was designed for a hard disk or a cartridge disk (such as the IOMEGA Bernoulli box) system.

Will WordCruncher® work with floppy drives?

Yes. However, the use of WordCruncher® with floppy drives will limit the speed and the size of documents which may be used.

Does ETC sell hardware, too?

Yes.

What kind of support can I expect?

All WordCruncher® users can expect full, dependable technical support from ETC.

Is WordCruncher® guaranteed?

Of course. We offer a full money-back guarantee on all our products.

Shape up with WordCruncher®.

Staying in top functional shape in the Information Age requires an ongoing commitment.

Make the commitment to look into WordCruncher®. You need the kind of electronic clout it offers.

Call or write today.

Electronic Text Corporation
5600 North University Avenue
Provo, Utah 84604
801-226-0616

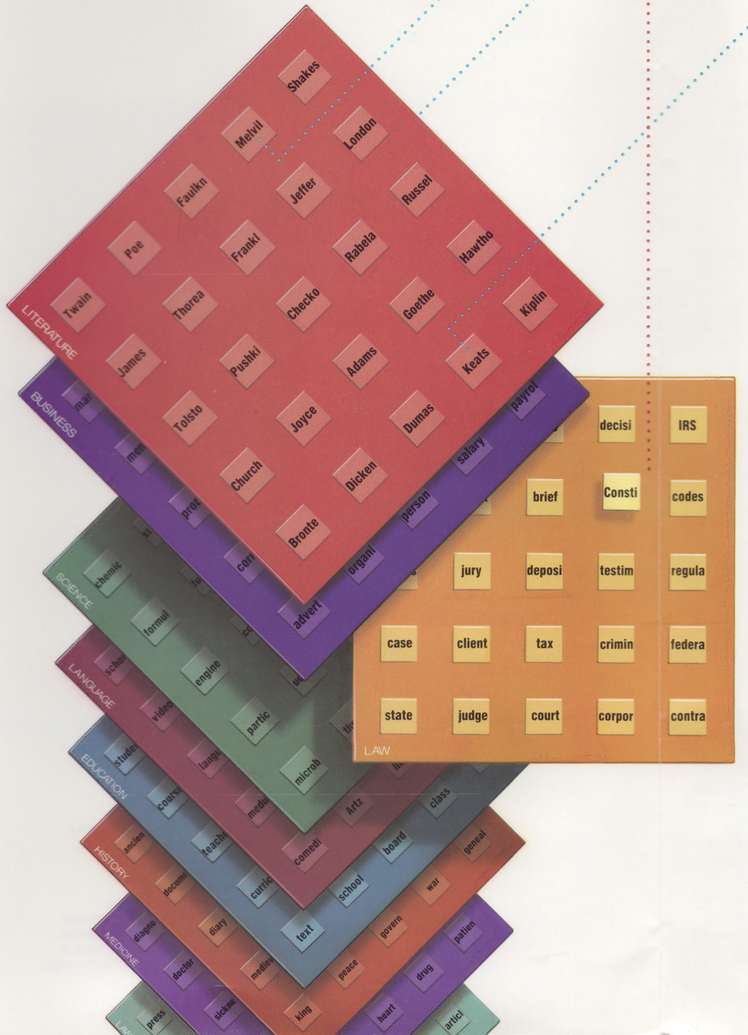
*Formerly known as BYU Concordance. IOMEGA is a trademark of IOMEGA Corporation. WordPerfect is a trademark of WordPerfect Corporation. IBM is a trademark of International Business Machines.

WordCruncher™

Text Indexing & Retrieval Software

idea

The muscle you need to master the Age of Information.



WordCruncher® can complete tasks like these in seconds without even flexing its biceps:

A **historian** has to find every occurrence of the word "constitution" in the *Federalist Papers*, but doesn't want to read through the entire 500-page document to do it. She decides to use WordCruncher®. Within seconds, all 471 occurrences are brought to her computer screen, complete with context and reference information.

An **attorney** is reviewing legal decisions for a case, and must search through thousands of pages of text for all examples of the words "fire," "damage," and "loss" that occur together within a defined context. In a matter of seconds, WordCruncher® locates and displays all references on the computer terminal.

A **literary scholar,** writing an article on the imagery of "light" and "darkness" in 19th-century American literature, uses WordCruncher® to find all helpful references in the preindexed works of Emerson, Hawthorne, Melville, Twain and others. These references are located immediately, and formatted for easy electronic insertion into the article.

A **biochemist** is conducting doctorate research in peptide chains. Although there are only 20 different amino acids, these are building blocks for a virtually limitless number of different peptide chains, most of which contain hundreds of amino acids. After preindexing one file containing thousands of the more common peptide sequences, he was able to use WordCruncher® to quickly find specific sequences of amino acids for his current research, and investigate other similarities for future research. Without WordCruncher®, this could have taken months of his time.

WordCruncher® makes "word crunching" a powerful reality.

You've heard the term "number crunching." Now, Electronic Text Corporation (ETC) introduces you to an exciting new phrase in the world of high technology: *word crunching.*

Computerese aside, "word crunching" means getting your hands on the information you want when you want it, without wasting a lot of time, effort or money. It means retrieving and manipulating data with a speed, ease and accuracy you never dreamed possible.

For example. . .

An executive of a computer company wanted to locate every occurrence of the words "network," "LAN," "connectivity," and "sharing" in the corporation's product announcements over the past 12 months.

At first, he though he had only one choice: spend an inordinate amount of his employees' time searching through the announcements, knowing that the search would be exhausting and incomplete.

Then he discovered WordCruncher® —the tool that pulls word crunching from the plane of imagination into the world of reality.

Because the product announcements had been produced on a word processor and stored in electronic form, WordCruncher® was able to quickly index them and find every desired reference.

And did it all with high tech accuracy. Without missing a single occurrence. *In seconds!*

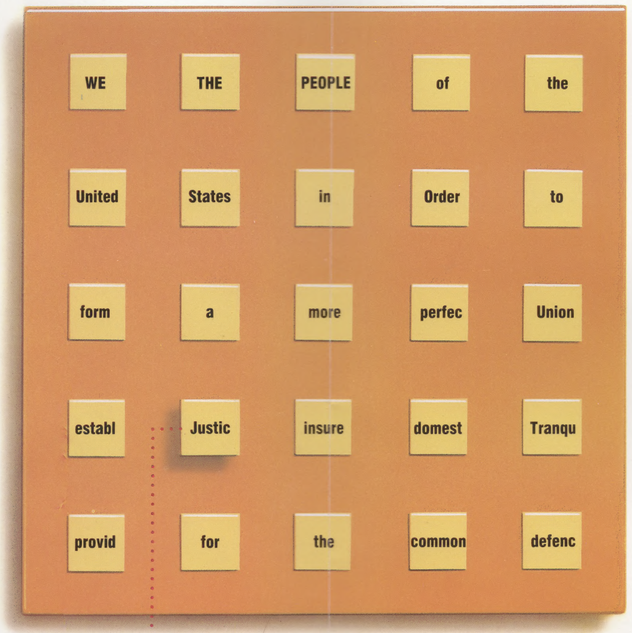
Amazing? That's just warm-ups.

Information has value only when you can find it. . .

a abilit abridg absenc absent
b bail Baldwi ballot basis
call called callin cannot capita
Dan danger Danl date David
each effect eight eighty either

1. PREINDEXING

Each word in a text is cataloged and alphabetically sorted into a WordCruncher Index. The location of every occurrence of every word becomes a part of the index. The result is like an electronic roadmap of a text that allows computerized retrieval.


WE THE PEOPLE of the
United States in Order to
form a more perfec Union
establ Justic insure domest Tranqu
provid for the common defenc

2. RETRIEVAL

The user finds the desired information by entering:
- **a single word**
- **a list of words**
- **combinations of words**
- **combinations of lists of words**

and each occurrence of the reference is instantly displayed in its textual context. Once the desired information is found, it can be manipulated in any number of ways.

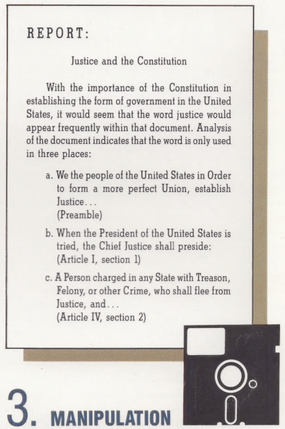
Reference List

Constitution:Preamble:1
WE THE PEOPLE of the United States, in Order to form a more perfect Union, establish Justice, insure domestic Tranquility, provide for the common defence, promote the general Welfare, and secure the Blessings of Liberty to

Constitution: ART. I:3
sitting for that Purpose, they shall be on Oath or Affirmation. When the President of the United States is tried, the Chief Justice shall preside: And no Person shall be convicted without the Concurrence of two thirds of the

Constitution:ART. IV:2
A Person charged in any State with Treason, Felony, or other Crime, who shall flee from Justice, and be found in another State, shall on Demand of the executive Authority of the State from which he fled, be delivered up, to

. . .and its value is magnified when you can find it quickly.


REPORT:

Justice and the Constitution

With the importance of the Constitution in establishing the form of government in the United States, it would seem that the word justice would appear frequently within that document. Analysis of the document indicates that the word is only used in three places:

a. We the people of the United States in Order to form a more perfect Union, establish Justice. . .
(Preamble)

b. When the President of the United States is tried, the Chief Justice shall preside:
(Article I, section 1)

c. A Person charged in any State with Treason, Felony, or other Crime, who shall flee from Justice, and. . .
(Article IV, section 2)

3. MANIPULATION

The references can then be printed out or saved on disk for reports, papers, speeches, etcetera.

The brains behind the muscle.

Behind the sheer power of WordCruncher® lies enough heavyweight intelligence to create a tool capable of "pre-indexing," retrieving and manipulating text from extremely large DOS text files in a way that has the market sitting up and taking notice.

A quick look at how WordCruncher® works and what it does will prove our point:

Preindexing.

- With WordCruncher's® *IndexETC®*, a preindex is created for a specific text. It is this electronic "road map" that makes possible sophisticated search combinations of large documents with amazing speed.
- Existing electronic texts require very little preparation before preindexing with *IndexETC®*. Texts not already stored in electronic form may be entered via the keyboard or an optical scanner.
- WordCruncher® allows the preindexing of documents in many foreign languages. Users are able to define the proper sorting sequences of characters, such as umlauts in German, accents in French, and the "ch" in Spanish. Texts may be shown from right to left for languages such as Hebrew. Preindexed files can be linked together to create a larger file.

Retrieving

- With WordCruncher's® *ViewETC®*, text material can be retrieved according to a set of user-defined parameters from very large documents.
- References can be looked up using a word or phrase, a list of words, two or more words in a defined context, a substring (such as a suffix or stem), or any logical combination of these. Supplementary dictionaries and thesauruses, supplied by the user and pre-indexed by WordCruncher®, offer additional retrieval clout.
- Selected references can be displayed within windows of modifiable size which show the reference in its context. The Expanded Window displays an entire screen of text surrounding the reference, and you may page forward or backward through the document.
- To make it all easy, help displays are available throughout.

Manipulating.

- Once the desired data has been retrieved from a text, it may be manipulated in any number of ways. For instance, *ViewETC®* can create printable book-style indexes, as well as keyword-in-context (KWIC) concordances of words or phrases.
- Retrieved information can be printed immediately, saved as a DOS text file, or placed in a temporary file such as WordPerfect Library's clipboard function provides. WordPerfect Library allows the user to transfer text from *ViewETC®* to WordPerfect without exiting either program.

WordCruncher™